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MASSACHUSETTS

# INSTITUTE OF TECHNOLOGY.

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OFFICERS.

EXTRACTS FROM ACT OF INCORPORATION.

OBJECTS AND PLAN.

BY-LAWS.

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BOSTON:

PRINTED BY JOHN WILSON AND SON,

5, WATER STREET.

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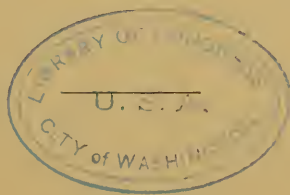
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# OFFICERS

OF THE

MASSACHUSETTS INSTITUTE OF TECHNOLOGY,

FOR THE YEAR 1862-63.

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President.

WILLIAM B. ROGERS.

Vice-Presidents.

JOHN A. LOWELL.  
JACOB BIGELOW.

MARSHALL P. WILDER.  
JOHN CHASE.

Secretary.

THOMAS H. WEBB.

Treasurer.

CHARLES H. DALTON.

Committee on Instruction.

WILLIAM B. ROGERS.  
J. D. PHILBRICK.  
HENRY B. ROGERS.  
G. W. TUXBURY.  
JOHN A. LOWELL.  
A. A. HAYES.  
J. B. FRANCIS.

Committee on Museum.

ERASTUS B. BIGELOW.  
FRED. W. LINCOLN, JR.  
JONATHAN PRESTON.  
S. P. RUGGLES.  
RALPH HUNTINGTON.  
ALEXANDER H. RICE.  
R. C. GREENLEAF.

Committee on Publication.

J. D. RUNKLE.  
LORENZO SABINE.  
C. L. FLINT.  
GEORGE B. EMERSON.  
J. C. HOADLEY.

Committee on Finance.

M. D. ROSS.  
EDWARD ATKINSON.  
JAMES M. BEEBE.  
E. S. TOBEY.  
E. H. ELDRIDGE.



# EXTRACTS

FROM

## THE ACT OF INCORPORATION.

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SECTION 1. — William B. Rogers, James M. Beebe, E. S. Tobey, S. H. Gookin, E. B. Bigelow, M. D. Ross, J. D. Philbrick, F. H. Storer, J. D. Runkle, C. H. Dalton, J. B. Francis, J. C. Hoadley, M. P. Wilder, C. L. Flint, Thomas Rice, John Chase, J. P. Robinson, F. W. Lincoln, Jr., Thomas Aspinwall, J. A. Dupee, E. C. Cabot, their associates and successors, are hereby made a body corporate, by the name of the MASSACHUSETTS INSTITUTE OF TECHNOLOGY, for the purpose of instituting and maintaining a society of arts, a museum of arts, and a school of industrial science, and aiding generally, by suitable means, the advancement, development, and practical application, of science in connection with arts, agriculture, manufactures, and commerce ; with all the powers and privileges, and subject to all the duties, restrictions, and liabilities, set forth in the sixty-eighth chapter of the General Statutes.

SECT. 2. — Said Corporation, for the purposes aforesaid, shall have authority to hold real and personal estate to an amount not exceeding two hundred thousand dollars.

SECT. 4, *in part*. — Persons from all parts of the Commonwealth shall be alike eligible as members of said Institute, or as pupils for its instruction ; and its Museum, or Conservatory of Arts, at all reasonable times and under reasonable regulations, shall be open to the public.

## OBJECTS AND PLAN.

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THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY has for its objects the advancement of the Mechanic Arts, Manufactures, Commerce, and Agriculture, and of the Applied Sciences generally, and the promotion of the practical education of the industrial classes.

It proposes to attain these ends by each and all of the following modes of operation:—

*First*, By acting as a Society of Arts, whose discussions, researches, and publications shall be directed to the advancement of the Industrial Arts and Sciences, and the diffusion of useful facts and discoveries relating to them.

*Second*, By organizing a Museum of Technology, or Conservatory of Arts, — embracing the materials, implements, machinery, and products of all the practical Arts and Sciences.

*Third*, By establishing a School of Industrial Science, in which regular courses of instruction shall be given, by lectures and other teachings, in the arts of Drawing and Design, and in the various Applied Sciences.\*

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\* For a full account of the Objects and Plan of the Institute, see the printed Report of the Committee of Associated Institutions of Science and Arts, read at a public meeting held at the rooms of the Board of Trade, Oct. 5, 1860; and approved and adopted at the meeting for preliminary organization, in Mercantile Hall, Jan. 11, 1861.



## BY-LAWS.

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### SECT. I. — OFFICERS.

1. The Officers of the Institute shall be a President, four Vice-Presidents, a Secretary, a Treasurer, and such Officers connected with the School of Industrial Science and the Museum of Technology as it may hereafter be found expedient to appoint.

### SECT. II. — GOVERNMENT.

1. The general direction, management, and control of the Institute shall be vested in a body, to be called the "Government of the Institute," to consist of the President, Vice-Presidents, Secretary, and Treasurer, and the Chairmen of the several Committees of Arts hereinafter mentioned, together with the members of the Committees on the Museum, on Instruction, on Publication, and on Finance. The Government shall have power to institute from time to time such standing rules and orders, not inconsistent with the By-laws, for regulating the action of the several Committees, the choice of subjects for investigation and discussion, and reports on the same, as it may deem expedient; and shall have power to fill all vacancies occurring in its own body during the current year, except those of Chairmen of the Committees of Arts.

## SECT. III. — STANDING COMMITTEES.

1. All the members of the Institute shall be enrolled in divisions, under the following heads, according to the taste or preference of the individual, each division to constitute a Standing Committee upon the subjects to which it appertains : —

- (1.) On Mineral Materials, Mining, and the Manufacture of Iron, Copper, &c.
- (2.) On Organic Materials ; — their Culture and Preparation.
- (3.) On Tools and Instruments.
- (4.) On Machinery and Motive Powers.
- (5.) On Textile Manufactures.
- (6.) On Manufactures of Wood, Leather, Paper, India-rubber, Gutta Percha, &c.
- (7.) On Pottery, Glass, Jewelry, and works in the Precious Metals.
- (8.) On Chemical Products and Processes.
- (9.) On Household Economy ; including Warming, Illumination, Water-supply, Ventilation, and the Preparation and Preservation of Food.
- (10.) On Engineering, Architecture, and Ship-building.
- (11.) On Commerce, Marine Navigation, and Inland Transportation.
- (12.) On Agriculture and Rural Affairs.
- (13.) On the Graphic and Fine Arts.

2. A member may belong to more than one of the above-named Committees of Arts, but shall not at the same time be eligible as Chairman in more than one.

3. It shall be competent for each Committee of Arts, of ten or more members entitled to vote, to organize, and elect a Chairman to represent it in the Government, and to frame its own By-laws, provided the same do not conflict with the regulations of the Institute.

4. The following Standing Committees, each to consist of not less than three members, shall be appointed at the annual meeting : —

The Committee on Instruction.		
„	„	on the Museum.
„	„	on Publication.
„	„	on Finance.

5. The Committee on Instruction shall have the supervision of the School of Industrial Science, both as to its organization and its business-affairs ; subject to the direction of the Government.

6. The Committee on the Museum shall be charged, under like direction of the Government, with the internal economy, and business-concerns, of the Museum of Technology.

7. The Committee on Publication shall have the general direction of the printing of the proceedings and other publications of the Institute, including the selection of papers and discussions which have been presented at the meetings.

8. The Committee on Finance shall have the general supervision of the financial affairs of the Institute ; and all vouchers of expenditure, before payment by the Treasurer, must be approved by the Committee.

9. An Auditing Committee of three associate members shall be chosen annually, whose duty it shall be to examine the accounts and vouchers of the Treasurer for the ensuing year, and report to the next annual meeting.

#### SECT. IV. — MEMBERS, AND THEIR ELECTION.

1. Members of the Institute shall be of three kinds, — Associate, Corresponding, and Honorary Members.

2. All those persons who have already united in the preliminary organization of the Institute, and whose names are affixed to the Preamble adopted Jan. 11, 1861, at a meeting

held in Mercantile Hall, in Boston, together with all others who shall have been enrolled at the time of the adoption of these By-laws, shall be considered Associate Members of the Institute.

3. Candidates for Associate Membership must be citizens of Massachusetts, and must be proposed and recommended by not less than two members, whose signatures shall be affixed to a written form to that effect. The nomination, after being announced by the President, shall be posted, for the inspection of members, until the second regular meeting thereafter, when the election shall be conducted by ballot; three-fourths in the affirmative constituting an election.

4. Corresponding and Honorary Members may be chosen, without respect to citizenship, on nomination by the Government.

5. An Associate Member shall pay an admission-fee of two dollars before being entitled to the privileges of membership, and be subject to an annual assessment not exceeding five dollars; the amount to be determined from time to time by the Government.

6. An Associate Member, by paying the sum of fifty dollars at any one time, may become a member for life, and be thereafter exempted from the annual assessments.

7. A member neglecting to pay his annual assessment, for six months after being notified that the same is due, shall be regarded as having withdrawn his membership, unless otherwise decided by the Government, who shall be authorized, for cause shown, to remit the assessment for any one year.

#### SECT. V. — ELECTION OF OFFICERS AND COMMITTEES.

1. At the Ordinary Meeting next but one preceding the Annual Meeting, a Nominating Committee shall be chosen, consisting of seven members, — three by the Government from its own body, and four by the Institute at large, — whose duty it shall be to nominate the President, Vice-Presidents,



Treasurer, and the Committees of Instruction, of the Museum, of Publication, and of Finance, and the Auditing Committee, to serve for the ensuing year. They shall prepare a balloting list of the names selected, which, as early as convenient, shall be posted in a place accessible to the members, and of which printed copies shall be furnished to the members at or before the time of election.

2. Two Tellers, nominated by the President, shall collect the ballots, cast up the votes, and report the names and numbers of the votes to the President, who shall thereupon announce the same to the meeting. A majority of votes shall be necessary to an election.

3. The Secretary shall be elected annually by the Government.

#### SECT. VI. — DUTIES OF OFFICERS.

1. The President, and, in his absence, one of the Vice-Presidents, in the order of their numbers, shall preside at the meetings of the Institute and of the Government.

2. It shall be the duty of the Secretary to give notice of, and attend, all meetings of the Institute and of the Government; to keep a record of the business and orders of each meeting, and read the same at the next meeting; to conduct the correspondence of the Institute, when not otherwise ordered; to keep a list of the members of the Institute; to collect the assessments and other dues, and pay them over to the Treasurer; to notify officers and members of their election, and of their appointment on committees; to prepare, under the direction of the Government, an Annual Report of the transactions and condition of the Institute; and generally to devote his best efforts to forwarding the business and advancing the interests of the Institute.

3. The Treasurer shall keep an account of all moneys received and expended for the use of the Institute; and shall make disbursements only upon vouchers, approved by the

Committee of Finance. He shall report to the Government semi-annually, or oftener if required.

4. No money shall be expended in behalf of the Corporation, unless appropriated by the Government; and all contracts shall be approved in writing by the President and Treasurer.

#### SECT. VII. — MEETINGS.

1. The Annual Meeting of the Institute shall be held in the month of May of each year, on such day as the Government may direct, for the purpose of electing officers; receiving the reports of the Secretary, and others of whom annual reports may be required; and for the transaction of such other business as may be brought before the meeting by the Government.

2. The Ordinary Meetings shall be held semi-monthly, on such days as the Government may determine. At these meetings, the reading of the minutes and correspondence shall be followed by the presentation of written and oral communications relating to the Practical Arts and Sciences, and by discussion thereon; and the transaction of the current business of the Institute.

3. The Government shall appoint its own meetings; and it may summon a *special meeting of the Institute* at any time, provided three-fourths of the members of the Government concur in the expediency of such meeting.

#### SECT. VIII. — AMENDMENT AND REPEAL.

1. The By-laws may be amended or repealed, and other provisions added, by a vote of three-fourths of the members present at any regular meeting of the Institute; provided that all changes be recommended by a majority of the Government, and presented in writing at the second Ordinary Meeting of the Institute preceding that at which they are to be acted upon.

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